



S/N 09/281,464

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HORST et al.	Examiner:	Phuong M. Phu
Serial No.:	09/281,464	Group Art Unit:	2631
Filed:	March 30, 1999	Docket No.:	7611.26US01
Title:	METHOD AND APPARATUS FOR ASSIGNING ADDRESSES TO COMPONENTS IN A CONTROL SYSTEM		

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JUL 07 2004

DECLARATION OF FOLKERT HORST

Technology Center 2600

1. I am Folkert Horst, a co-inventor of U.S. Patent Application Serial No. 09/281,464 filed March 10, 1999, entitled METHOD AND APPARATUS FOR ASSIGNING ADDRESSES TO COMPONENTS IN A CONTROL SYSTEM.
2. In February and June of 1994, I visited Theimeg GmbH, in Germany, a supplier of radio remote control systems. During these visits, I saw a Theimeg remote control product. To the best of my recollection, I recall that address information may have been transferred from the locomotive to the remote control device by electronic components of a battery pack. A battery charger installed on the locomotive included components that temporarily transferred the locomotive address to the battery pack. When the battery pack was placed into the remote control device, the locomotive address was transferred from the battery pack to the remote control device. To the best of my knowledge and recollection, the discussion with Theimeg GmbH did not concern the methods, devices, combinations or systems recited in the claims of the present application.
3. In 1994, CN Rail purchased a Remote Control Radio subsystem from Theimeg GmbH, which included addressing plugs. This radio subsystem was tested during December of 1994 by CANAC, my employer at the time, and was used by CN Rail throughout 1995. To the best of my recollection, the addressing scheme had three matching plugs that stored addressing information. Two of the matching plugs were installed in the two remote operator control units respectively, and the third plug was installed in the locomotive control device within a

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TELEFAX

Thelmeq

Thelmeq Elektronikgeräte GmbH & Co.

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Please deliver immediately to:

Name
MR Roberto Pellizzari
Department

21-03-94

Subject:

Roberto,

Here is the final version of the minutes of  
Meeting. Sorry it took so long

Dan

PLEASE FILE: EM 6085-905

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# TELEFAX



## Theimeg Elektronikgeräte GmbH & Co.

To:

Company	<b>CANAC International, Inc.</b>
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Please deliver immediately to:

Name	<b>Mr. Roberto Pellizzari</b>
Department	

Subject: Clarification of RSS sections

30. April 1993

Enclosed are the additional points that were to be clarified by Theimeg. A time table and an addressing scheme is provided.

Remaining points that were to be clarified by Theimeg before April 16, 1993:

- 1) Radio Range Test - to be discussed on Monday May 3, 1993 in a meeting between Theimeg and CANAC.
- 2) Comments to Service Life - we can clarify this point when the definitions of the terms Service Life, MTBF and the Maintenance Philosophy of CN have been received.
- 3) Operation of the Emergency Output- A report dealing with the European Railroads experience on this issue (loss of communications, TILT) will be sent in May 1993.

We have received the first information to the items to be clarified by CANAC / CN (dated April 16, 1993). We have read these and are pleased with the results.

As of this time we have yet to receive clarifications for the following items:

- 1) Radio Specification: CN & CP Spec PSAA001-2
- 2) Radio Specification: CN Spec PS40101
- 3) Definition of MTBF
- 4) Definition of Service Life
- 5) Maintenance Requirements

Also any comments to our clarifications dated April 16, 1993 have not been received.

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